I. Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

A. Listing of Claims

Claim 1-3 (Cancelled).

4.   (Currently Amended) A transaction processing method ~~as claimed in claim 2~~ comprising the steps of:

receiving a second ID for relating transaction processings of first and second information processing means with each other and a transaction processing request from said first information processing means, relating said second ID to a third ID for identifying the transaction processing of the second information processing means, storing the related ID's in a second mapping table, and executing the requested transaction processing,

upon determining occurrence of a failure in the executed transaction processing, holding a record in the second mapping table relating the second ID of the transaction processing with the third ID for a predetermined period of time, and

responsive to an inquiry in which the second ID is specified, reading out the third ID corresponding to the specified second ID from the second mapping table and transmitting the read out third ID to the first information processing means,

wherein the value of the predetermined period of time for holding the record is modified depending on whether the first information processing means is information processing means which makes the inquiry.

5.   (Currently Amended)   A transaction processing method as claimed in claims 3 comprising the steps of:

relating a first ID for identifying a transaction processing of first information processing means with a second ID for relating the transaction processing of the first information processing means and a transaction processing of second information processing means with each other and storing the related first and second IDs in a first mapping table;

transmitting the second ID and a transaction processing request to the second information processing means to request execution of a transaction processing in the second information processing means,

receiving the second ID and the transaction processing request from the first information processing means, relating the second ID with a third ID for identifying the transaction processing of the second information processing means, storing the related second and third IDs in a second mapping table, and executing the requested transaction processing;

upon determining occurrence of a failure in said transaction processing which has been executed, holding a record in the second mapping table relating the second ID of the transaction processing with the third ID for a predetermined period of time;

upon determining occurrence of a failure in the transaction processing which has been executed, specifying the second ID of the transaction to inquire the third ID for identifying the transaction processing,

responsive to an inquiry in which the second ID is specified, reading out the third ID corresponding to the specified second ID from the second mapping table and transmitting the read-out third ID to the first information processing means; and

generating mapping information for relating the first ID corresponding to the specified

second ID with the transmitted third ID,

wherein the value of the predetermined period of time for holding the record is modified depending on whether the first information processing means is information processing means which makes the inquiry.

Claim 6-11 (Cancelled).

12. (New) A product comprising a computer readable medium having instructions therein for causing a processor to perform the steps of:

receiving a second ID for relating transaction processings of first and second information processing means with each other and a transaction processing request from said first information processing means, relating said second ID to a third ID for identifying the transaction processing of the second information processing means, storing the related ID's in a second mapping table, and executing the requested transaction processing,

upon determining occurrence of a failure in the executed transaction processing, holding a record in the second mapping table relating the second ID of the transaction processing with the third ID for a predetermined period of time, and

responsive to an inquiry in which the second ID is specified, reading out the third ID corresponding to the specified second ID from the second mapping table and transmitting the read out third ID to the first information processing means,

wherein the value of the predetermined period of time for holding the record is modified depending on whether the first information processing means is information processing means which makes the inquiry.

13.   (New) A product comprising a computer readable medium having instructions

therein for causing a processor to perform the steps of: the steps of:

relating a first ID for identifying a transaction processing of first information processing

means with a second ID for relating the transaction processing of the first information processing

means and a transaction processing of second information processing means with each other and

storing the related first and second IDs in a first mapping table;

transmitting the second ID and a transaction processing request to the second information

processing means to request execution of a transaction processing in the second information

processing means,

receiving the second ID and the transaction processing request from the first information

processing means, relating the second ID with a third ID for identifying the transaction

processing of the second information processing means, storing the related second and third IDs

in a second mapping table, and executing the requested transaction processing;

upon determining occurrence of a failure in said transaction processing which has been

executed, holding a record in the second mapping table relating the second ID of the transaction

processing with the third ID for a predetermined period of time;

upon determining occurrence of a failure in the transaction processing which has been

executed, specifying the second ID of the transaction to inquire the third ID for identifying the

transaction processing,

responsive to an inquiry in which the second ID is specified, reading out the third ID

corresponding to the specified second ID from the second mapping table and transmitting the

read-out third ID to the first information processing means; and

generating mapping information for relating the first ID corresponding to the specified

second ID with the transmitted third ID,

wherein the value of the predetermined period of time for holding the record is modified depending on whether the first information processing means is information processing means which makes the inquiry.

14.   (New) An apparatus for processing transactions comprising:

means for receiving a second ID for relating transaction processings of first and second information processing means with each other and a transaction processing request from said first information processing means, means for relating said second ID to a third ID for identifying the transaction processing of the second information processing means, means for storing the related ID's in a second mapping table, and executing the requested transaction processing,

upon determining occurrence of a failure in the executed transaction processing, means for holding a record in the second mapping table relating the second ID of the transaction processing with the third ID for a predetermined period of time, and

means responsive to an inquiry in which the second ID is specified, means for reading out the third ID corresponding to the specified second ID from the second mapping table and means for transmitting the read out third ID to the first information processing means,

wherein the value of the predetermined period of time for holding the record is modified depending on whether the first information processing means is information processing means which makes the inquiry.

15.   (New) An apparatus for processing transactions comprising:

means for relating a first ID for identifying a transaction processing of first information

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processing means with a second ID for relating the transaction processing of the first information processing means and a transaction processing of second information processing means with each other and storing the related first and second IDs in a first mapping table;

means for transmitting the second ID and a transaction processing request to the second information processing means to request execution of a transaction processing in the second information processing means,

means for receiving the second ID and the transaction processing request from the first information processing means, means for relating the second ID with a third ID for identifying the transaction processing of the second information processing means, storing the related second and third IDs in a second mapping table, and means for executing the requested transaction processing;

upon determining occurrence of a failure in said transaction processing which has been executed, means for holding a record in the second mapping table relating the second ID of the transaction processing with the third ID for a predetermined period of time;

upon determining occurrence of a failure in the transaction processing which has been executed, means for specifying the second ID of the transaction to inquire the third ID for identifying the transaction processing,

means responsive to an inquiry in which the second ID is specified, means for reading out the third ID corresponding to the specified second ID from the second mapping table and transmitting the read-out third ID to the first information processing means; and

means for generating mapping information for relating the first ID corresponding to the specified second ID with the transmitted third ID,

wherein the value of the predetermined period of time for holding the record is modified

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depending on whether the first information processing means is information processing means

which makes the inquiry.